



Octave[®] MSDA Test

For people diagnosed and living with multiple sclerosis

Every person living with multiple sclerosis (MS) is unique and there are limited tools available which measure disease activity over time. Octave[®] provides a new way for managing your MS with its precision care solution.

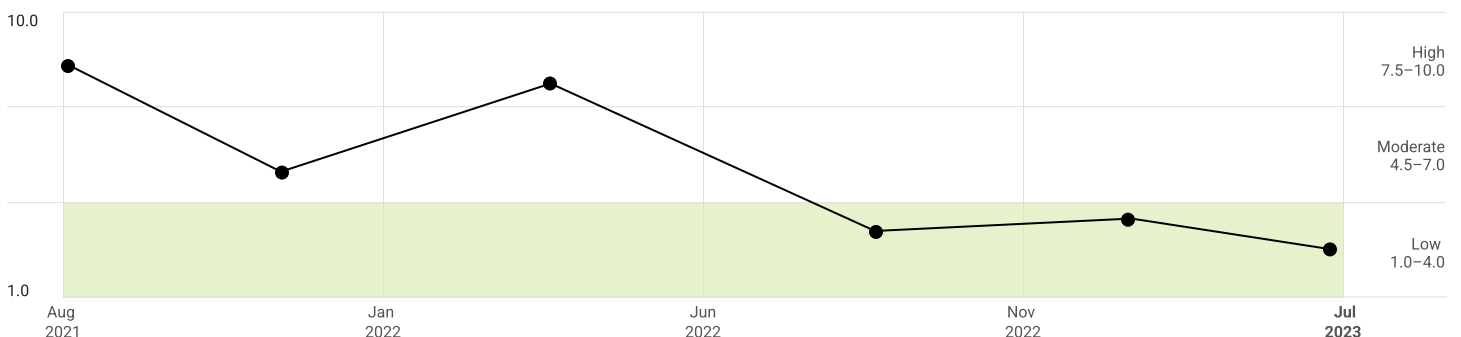
MS disease activity results from inflammation occurring in your brain or spinal cord. Evidence of MS disease activity may be observed by the presence of active lesions on your MRI. Octave's Multiple Sclerosis Disease Activity (MSDA) Test enables you to measure this activity through a simple blood test that gives you a numeric score to measure and track your disease activity over time.

The test score is created by measuring 18 different proteins in your blood, also called biomarkers, which are known to be involved with MS disease activity. The total combined score ranges from 1.0 - 10.0 and is divided into Low, Moderate, and High disease activity categories. As shown in the graph below, repeat testing allows you to see how your disease activity is trending over time.

Disease Activity Score

2.5
Low

Patient has a Low Disease Activity (DA) Score. A DA Score in this category is well controlled as evidenced by a high probability of minimal or no radiographic worsening. This Low DA score has decreased by 1.5 units from the previous DA score, which was in the Low category.



Frequently Asked Questions

What is Octave's MSDA Test and what is in the report?

The Octave MSDA Test measures the levels of 18 proteins in your blood. The results are presented in a report shared with your doctor, which contains an overall disease activity score and four biological pathway scores reported as Low (1.0-4.0), Moderate (4.5-7.0) and High (7.5-10.0). Included in the report are also the individual 18 protein measurements with their respective scores.

How do I interpret the results?

Octave MSDA Test is designed to measure the likelihood of new MS lesions seen on MRI scans. If you have a disease activity score that is High, you are more likely to have new MRI lesions than if you have a Low or Moderate score.¹ These scores often change over time, so it's important to repeat testing on an ongoing basis. Moreover, the pathway scores can provide you and your doctor more insight about your disease activity.

What are the benefits of Octave's MSDA Test?

Octave's MSDA Test provides you and your doctor a new and easier way of measuring the level of disease activity in your body. With the ability to test multiple times a year, Octave MSDA Test may assist in determining how well your current therapy is working and support any decisions to adjust your care plan.

How can I order the test?

Octave's MSDA Test must be ordered by a prescribing healthcare provider. Talk to your doctor to learn more about how they can order the test for you.

What is needed for the test?

Each clinic has their own protocol for where patients can get their blood drawn. The test is intended to monitor your disease over time, so your doctor may set a schedule for how often you will receive the test in a year.

How long does it take to receive my results?

Your doctor will receive your report with the results approximately 7 days after Octave receives your sample. Your doctor may share the results with you and mutually decide on the best actions.

Is it covered by my insurance?

Octave is actively working to have all health plans cover the solution. In the meantime, Octave offers a patient financial assistance program that may reduce the cost to you.

Contact your healthcare provider to see if this test is right for you.

[Learn more at octavebio.com](https://www.octavebio.com)

1. Chitnis, T., Foley, J., Ionete, C., et al. Clinical validation of a multi-protein, serum-based assay for disease activity assessments in multiple sclerosis. *Clinical Immunology*. Volume 253, August 2023, 109688. <https://doi.org/10.1016/j.clim.2023.109688>

